

MSJ 01-12-05
FORM APPROVED
OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-F-0008
CUSTOMER NUMBER: 1726

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Cvb-Vs-Aphis-Usda
1800 Dayton Rd
Ames, IA 50010

Telephone: (515)-239-8334 663-7331

COPY FOR YOUR INFORMATION

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		2			2
5. Cats					
6. Guinea Pigs		433	118	111	662
7. Hamsters	46	3148		1030	4178
8. Rabbits		18	258	9	285
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR

(b)(6), (b)(7)(C)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

(b)(6), (b)(7)(C)

DATE SIGNED

11/22/05

November 21, 2005

Annual report of the Center for Veterinary Biologics (CVB) for the period of October 1, 2004, through September 30, 2005.

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1. All facilities are located at the (b)(2)High, (b)(7)f
2. Statement of reasons for not using drugs in experiments involving pain and distress:

The CVB-L's main function is the testing of veterinary biologicals for safety, efficacy, and purity. Drugs to alleviate pain and distress produced by the infectious disease agents are contraindicated as they affect the immune system often causing the disease to be more severe and to run a longer course. Use of analgesics and anesthetics is not permitted at certain stage in the testing according to the requirements found in the 9 CFR, Chapter 113. Making sick animals comfortable and disturbing them as little as possible provides better treatment to these animals and quicker recovery than occurs by administering pain relievers. Euthanasia or curative treatments are employed as soon as allowed by the Animal Care and Use Committee approved animal use procedure.

3. Exceptions to adherence to the standards and regulations under the Act: None
4. Protocols involving unrelieved pain or distress were as follows:

See following attachments for Facility 42-F-008

NOV 30 2005

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by a lay persons as well as scientists.

1. Registration Number: 42-F-0008
2. Number 308 (101 in Cat. E) _____ of animals in this study.
3. Species (common name) Guinea Pigs _____ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Clostridium chauvoei and *C. haemolyticum* challenge tests- animals became ill from challenge with these organisms as required by 9 CFR 113.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Mandated by 9 CFR 113

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

APHIS, 9 CFR 113.106 and 113.107

FY 2005

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Column E Explanation

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1. Registration Number: 42-F-0008
2. Number 84 (10in Cat E) _____ of animals in this study.
3. Species (common name) Guinea Pigs _____ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Potency testing of tetanus toxoids and antitoxins - animal getting insufficient protection from the tetanus antitoxin become sick from tetanus toxin challenge..

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Mandated by 9 CFR 113

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

APHIS, 9CFR 113.114 and 113.451

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1. Registration Number: 42-F-0008
2. Number 4168 (1030 in Cat. E) _____ of animals in this study.
3. Species (common name) Hamsters _____ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Evaluation of Leptospira Bacterins and maintenance of challenge cultures cause animals to experience Leptospirosis -

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Mandated by 9 CFR 113

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

APHIS, 9CFR 113.101, 113.102, 113.103, and 113.104 which are all Leptospirosis tests.

FY 2005

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1. Registration Number: 42-F-0008
2. Number 27 (9 in Cat. E) _____ of animals in this study.
3. Species (common name) Rabbit _____ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

Clostridium haemolyticum challenge tests- animals became ill from challenge with these organisms as required by 9 CFR 113 for guinea pigs. Rabbits were substituted for guinea pigs based on an APHIS approved Outline of Production.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Mandated by 9 CFR 113 for guinea pigs and APHIS approved the rabbit substitute.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

APHIS, 9 CFR 113.107

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